



FEMA



Prepared by
Ansley Long

FEMA Region 6 Weather Threat Briefing

Thursday April 20, 2023

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



Summary of the Upcoming Week

- **Elevated to critical fire weather conditions for NM, W TX, W OK today; elevated to critical fire weather for NM, Far W TX Friday and Monday.**
- **Isolated to scattered severe thunderstorms capable of damaging wind and large hail across SE OK, E/Ctrl TX, AR, N/W LA today; SE TX and LA on Friday; S TX on Saturday.**
- **Locally heavy rainfall leading to isolated to scattered flash flooding for SE OK, NE TX, AR, NW LA on today; SE AR, E/S LA on Friday; and S TX on Sunday.**
- **River flooding in AR and LA. Impacts to secondary roads, bridges, & agricultural/ recreational/ lowland areas.**



FEMA Region 6 Threat Matrix

Apr 20, 2023 - Apr 24, 2023

DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms	E/Ctrl TX, SE OK, AR, N/W LA	SE TX, LA			
Heavy Rain / Flash Flooding	E/Ctrl TX, SE OK, AR, N/W LA	E/S LA, E AR		STX	
Fire Weather	NM, W TX, W OK	NM, Far W TX			SW NM, Far W TX
Tropical Winds / Surge					
River Flooding	AR, LA	AR, LA	AR, LA	AR, LA	AR, LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

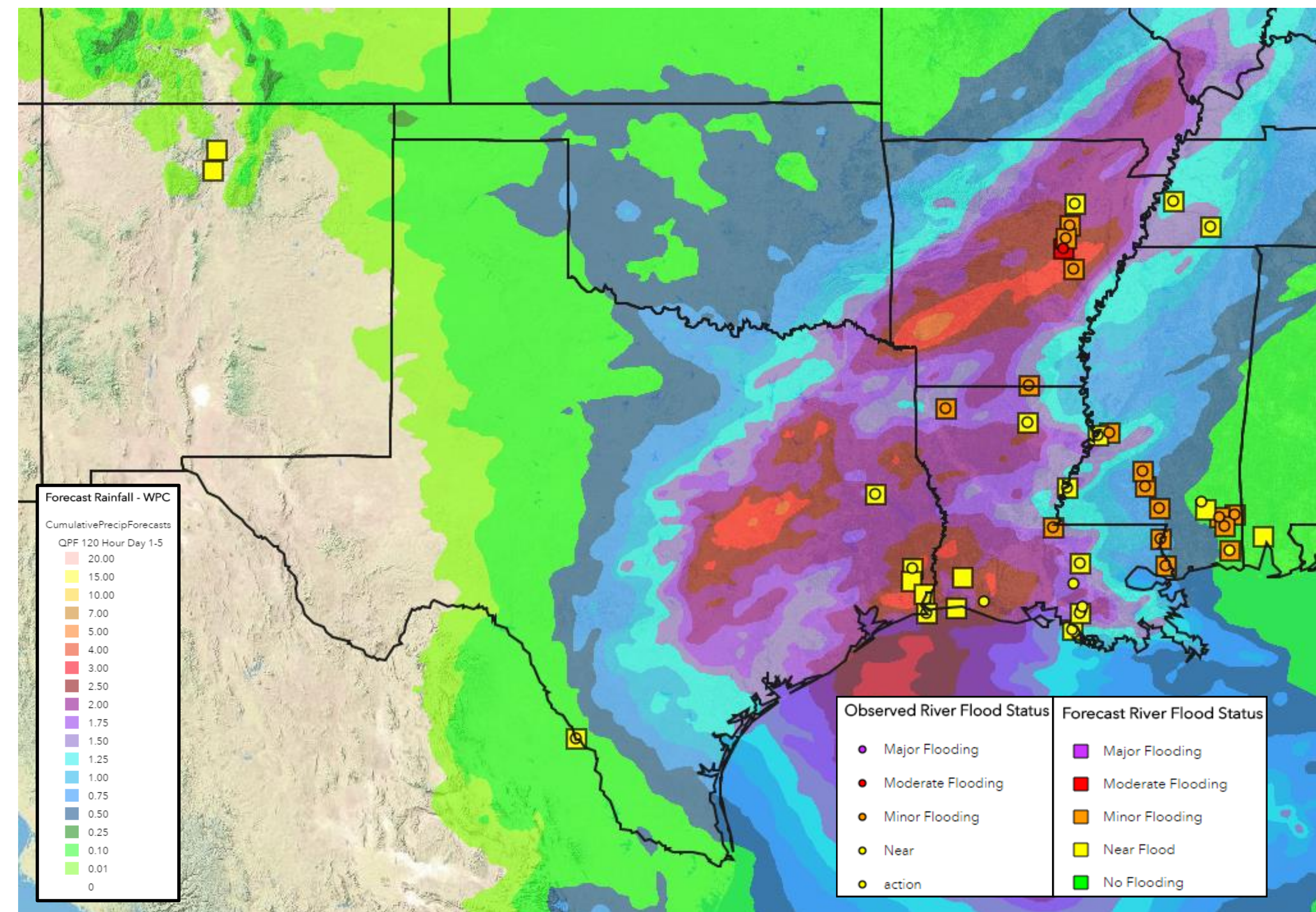
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



River flooding in AR, LA.

Impacts to secondary roads, bridges & agricultural/recreational/lowland areas.

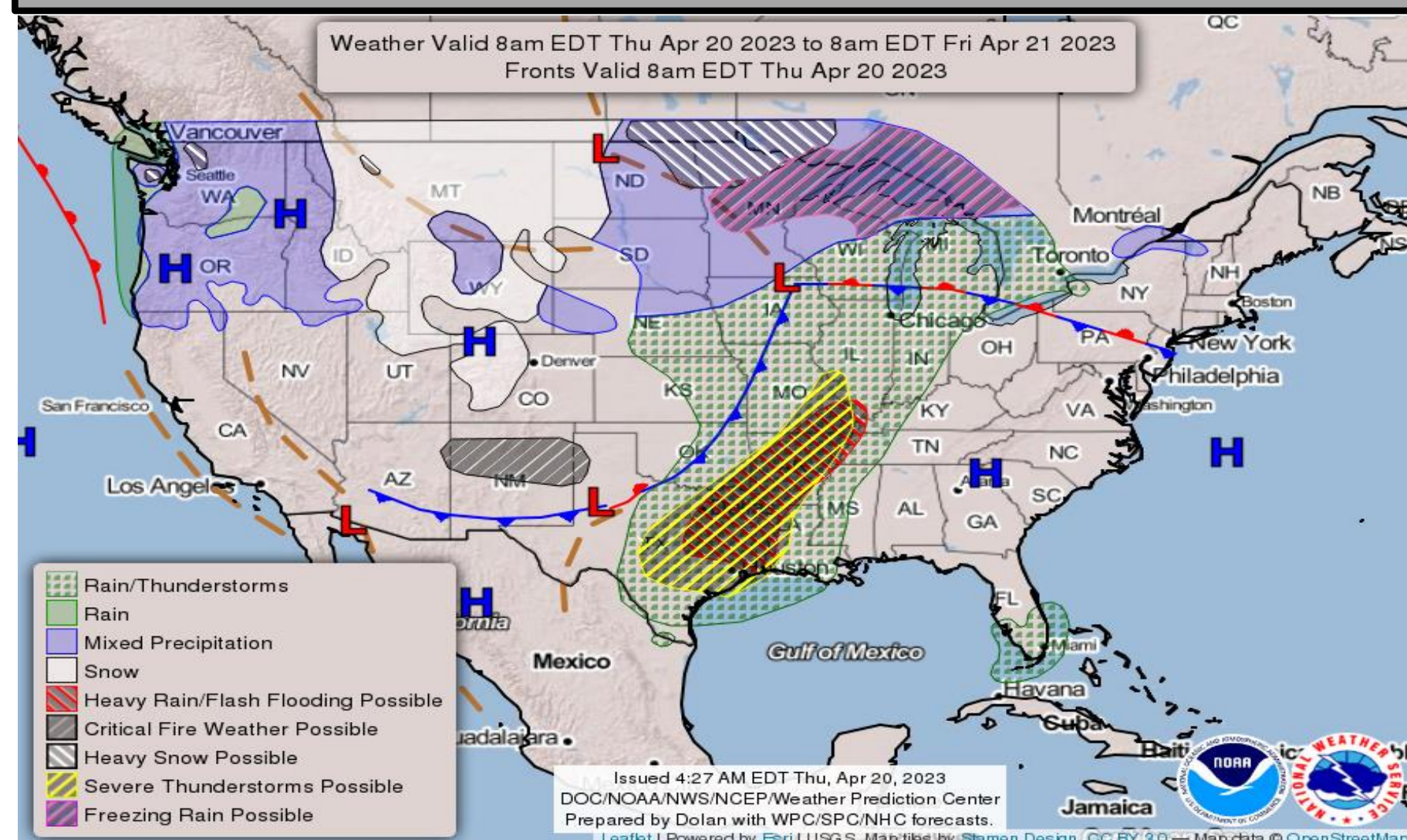
Forecast rainfall may lead to additional flooding.

<http://water.weather.gov/ahps> for latest river flooding

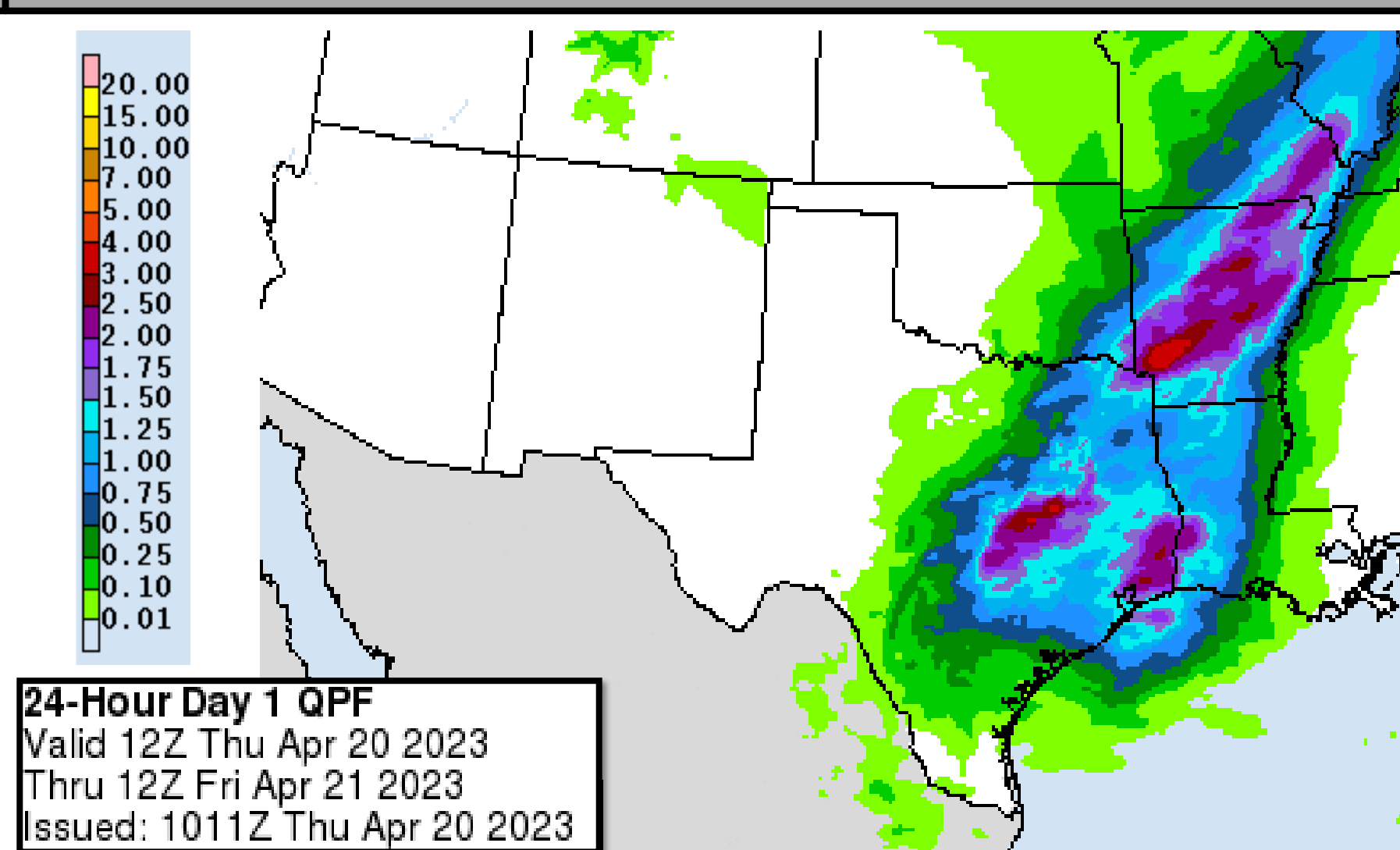


Today's Weather

Forecast Chart



Forecast Rainfall

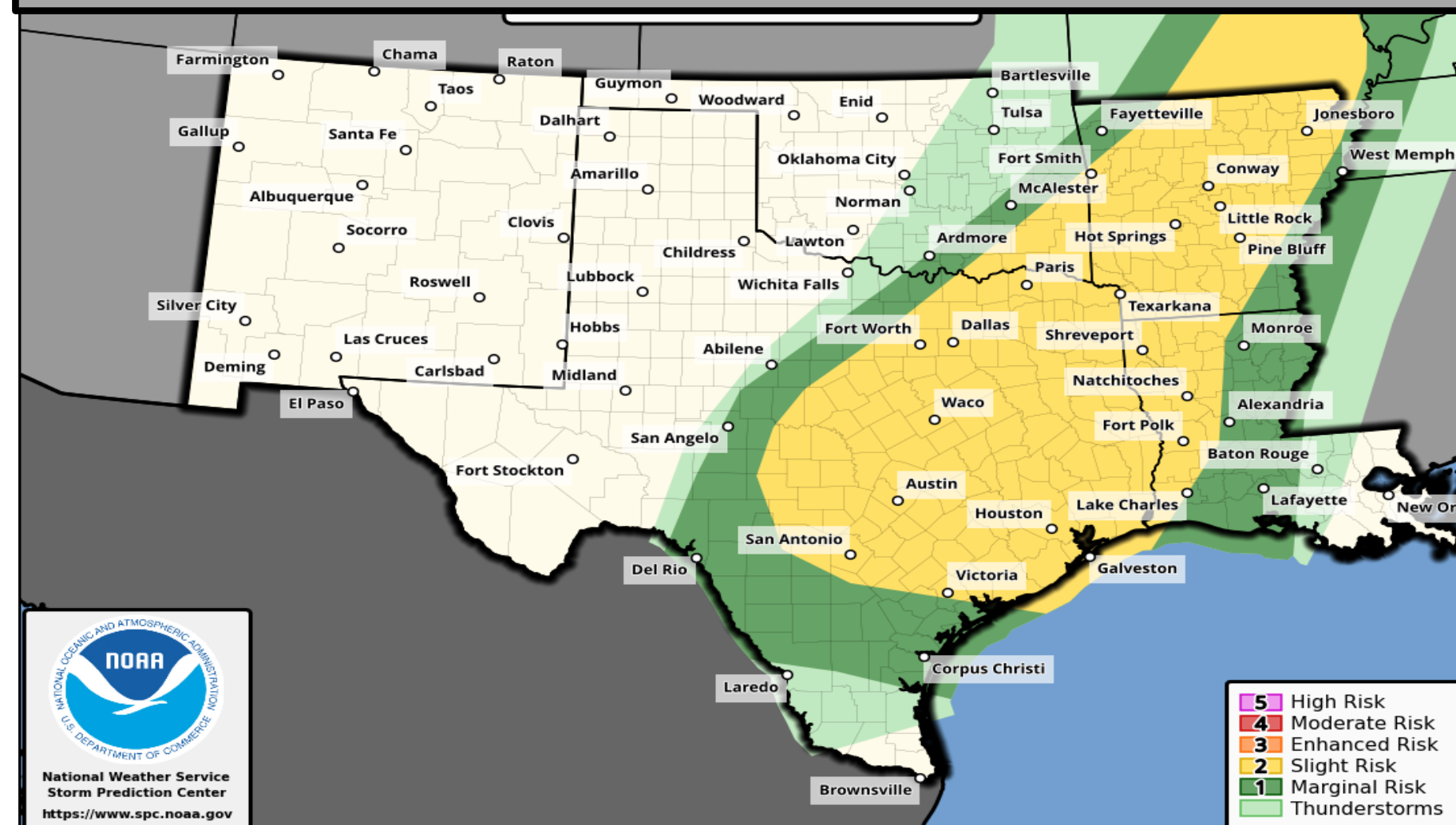


Scattered severe thunderstorms (large hail 2" or greater, damaging wind, a few tornadoes) across E/Ctrl TX, SE OK, AR, N/W LA

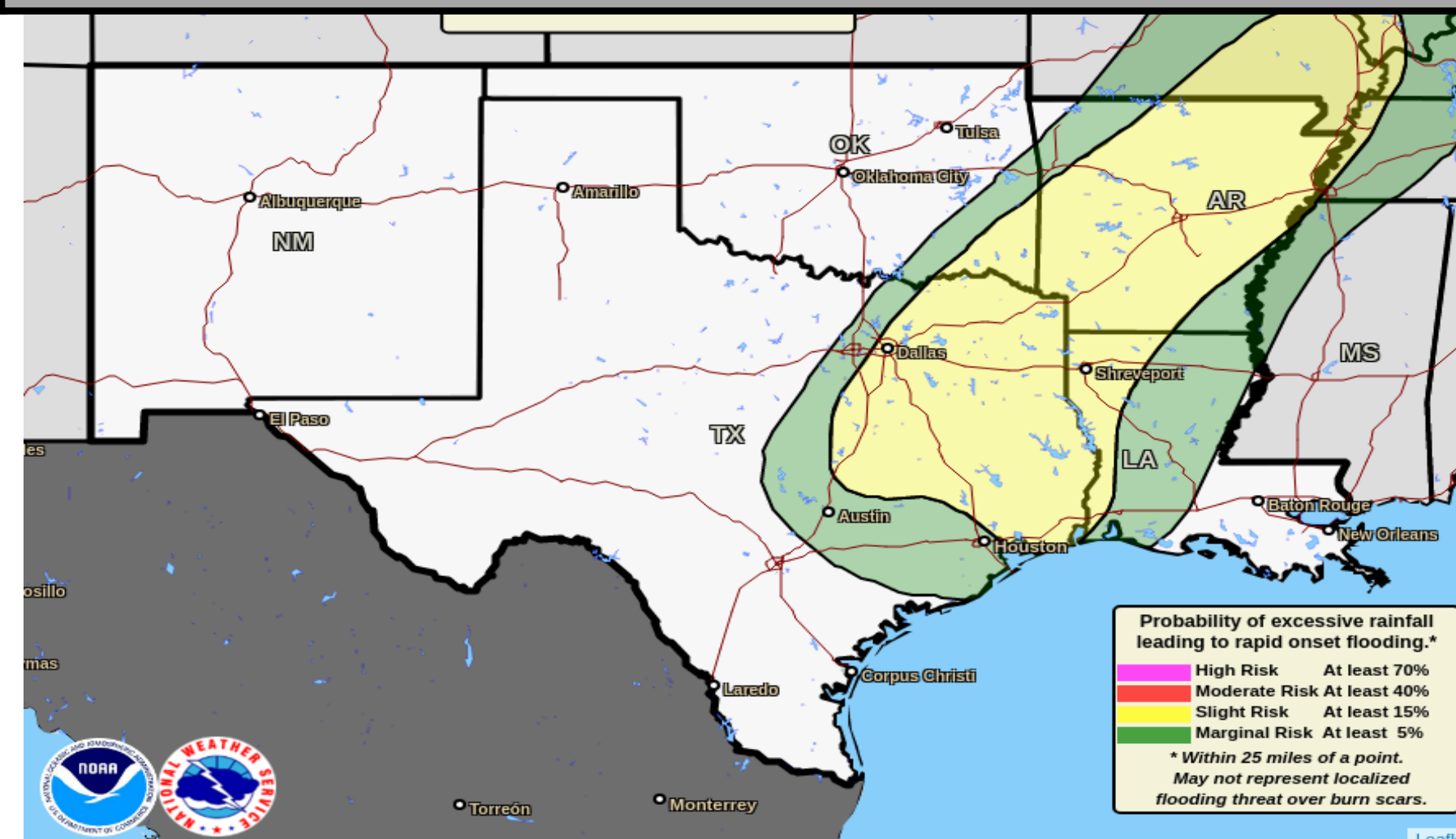
Locally heavy rainfall may lead to isolated to scattered flash flooding for E/Ctrl TX, SE OK, AR, N/W LA

Elevated to critical fire weather conditions for NM, W TX, W OK

Severe Weather Outlook



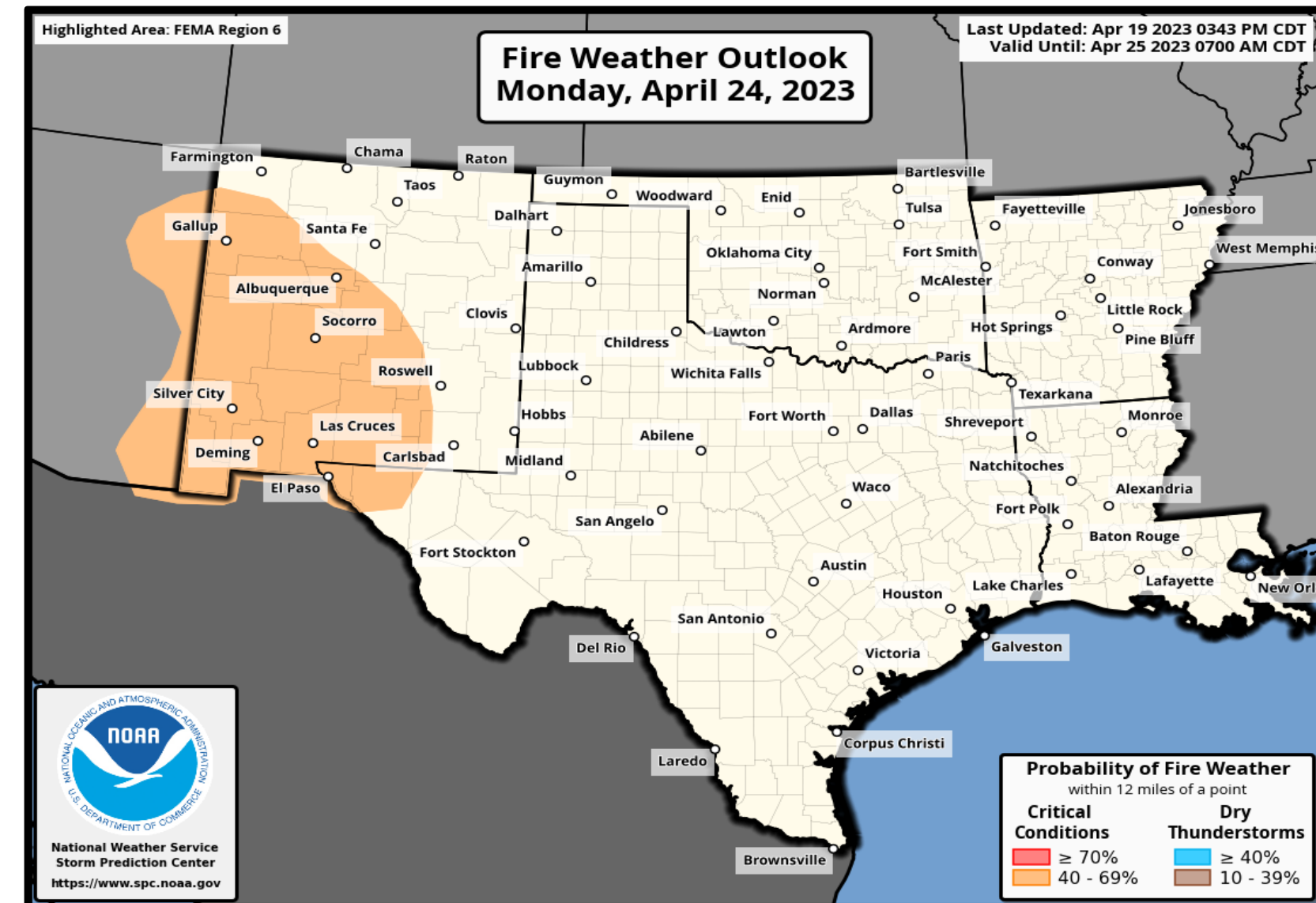
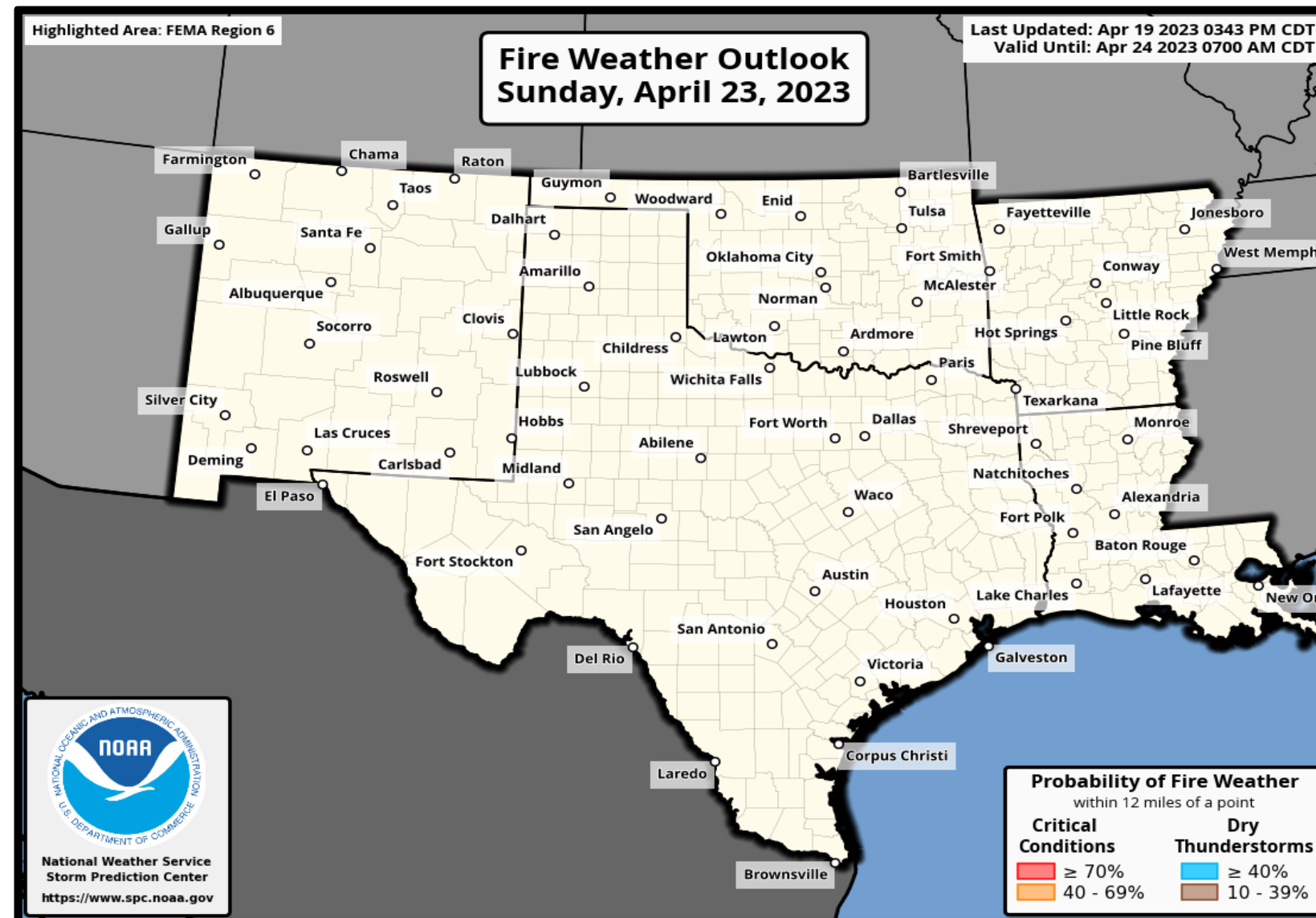
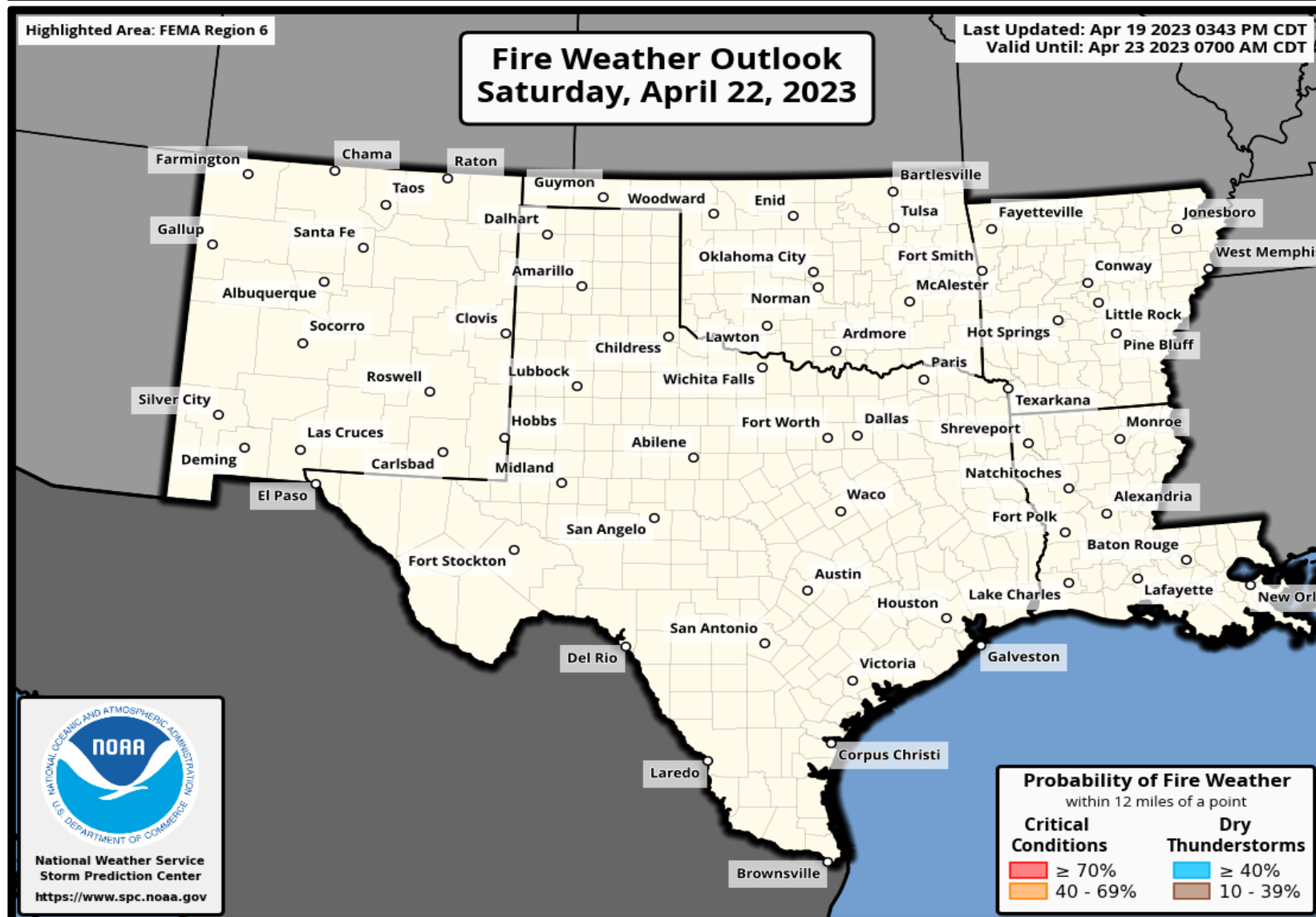
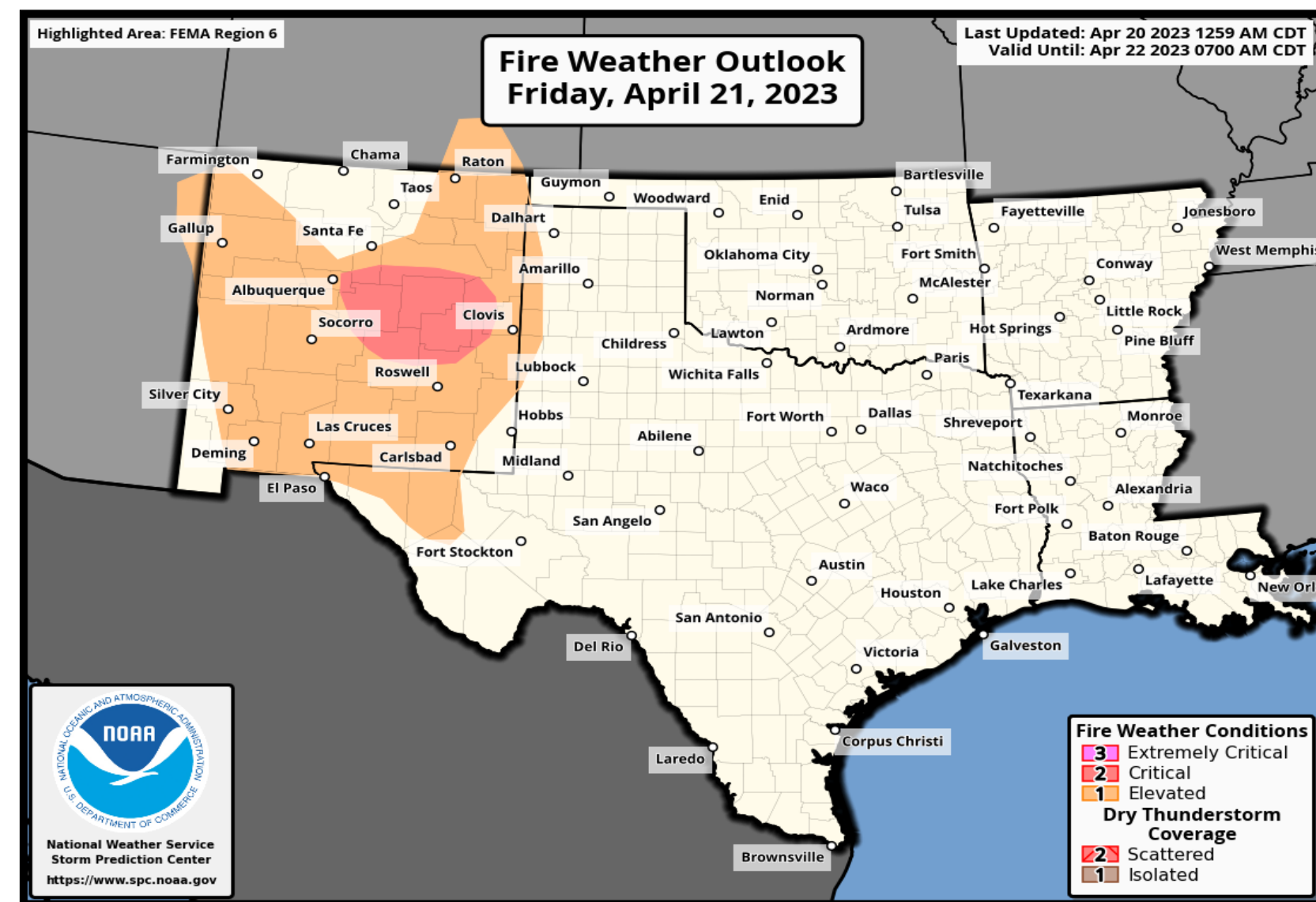
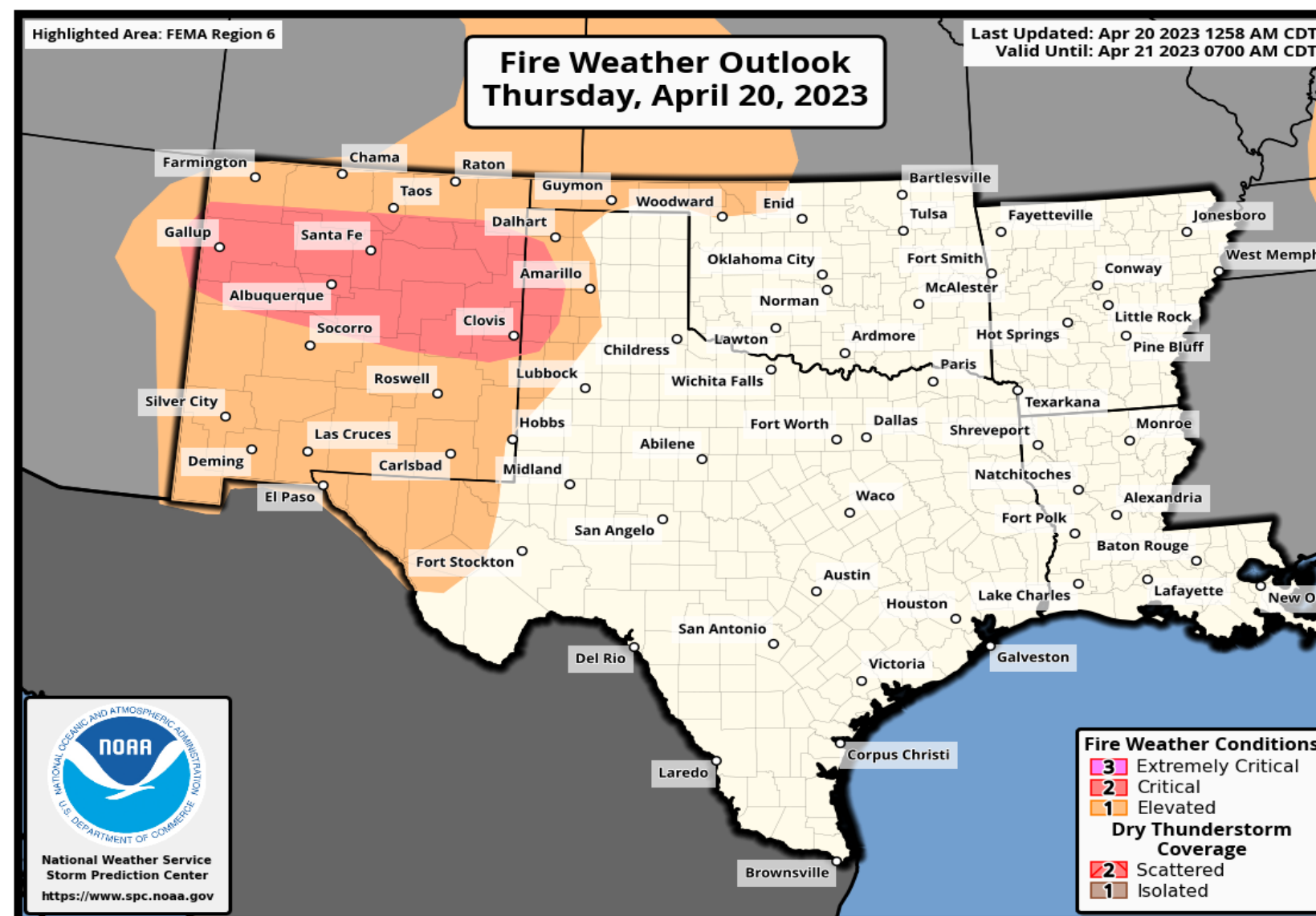
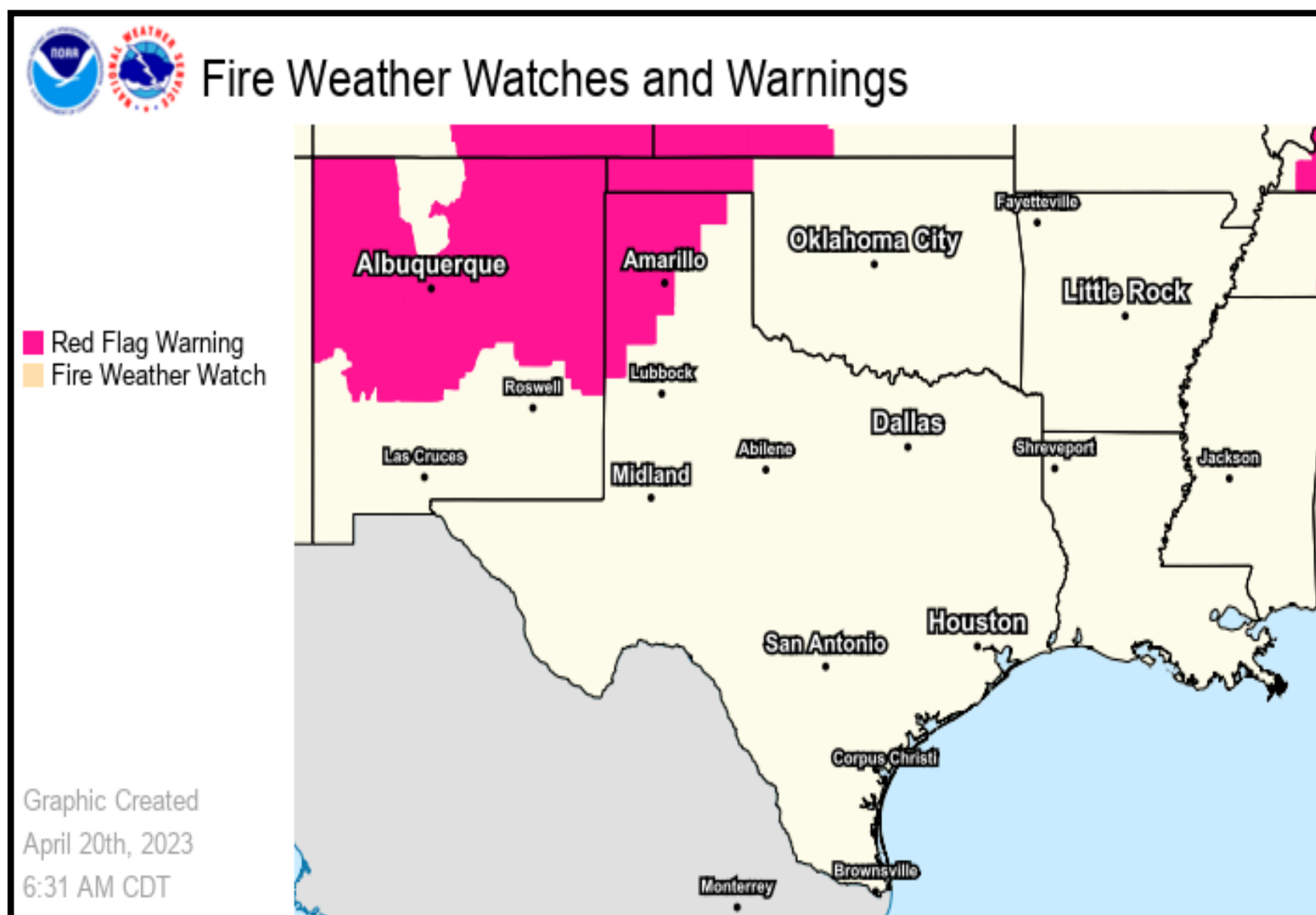
Excessive Rainfall Outlook





Fire Weather Outlooks

Note: Days 3-5 only highlight critical areas



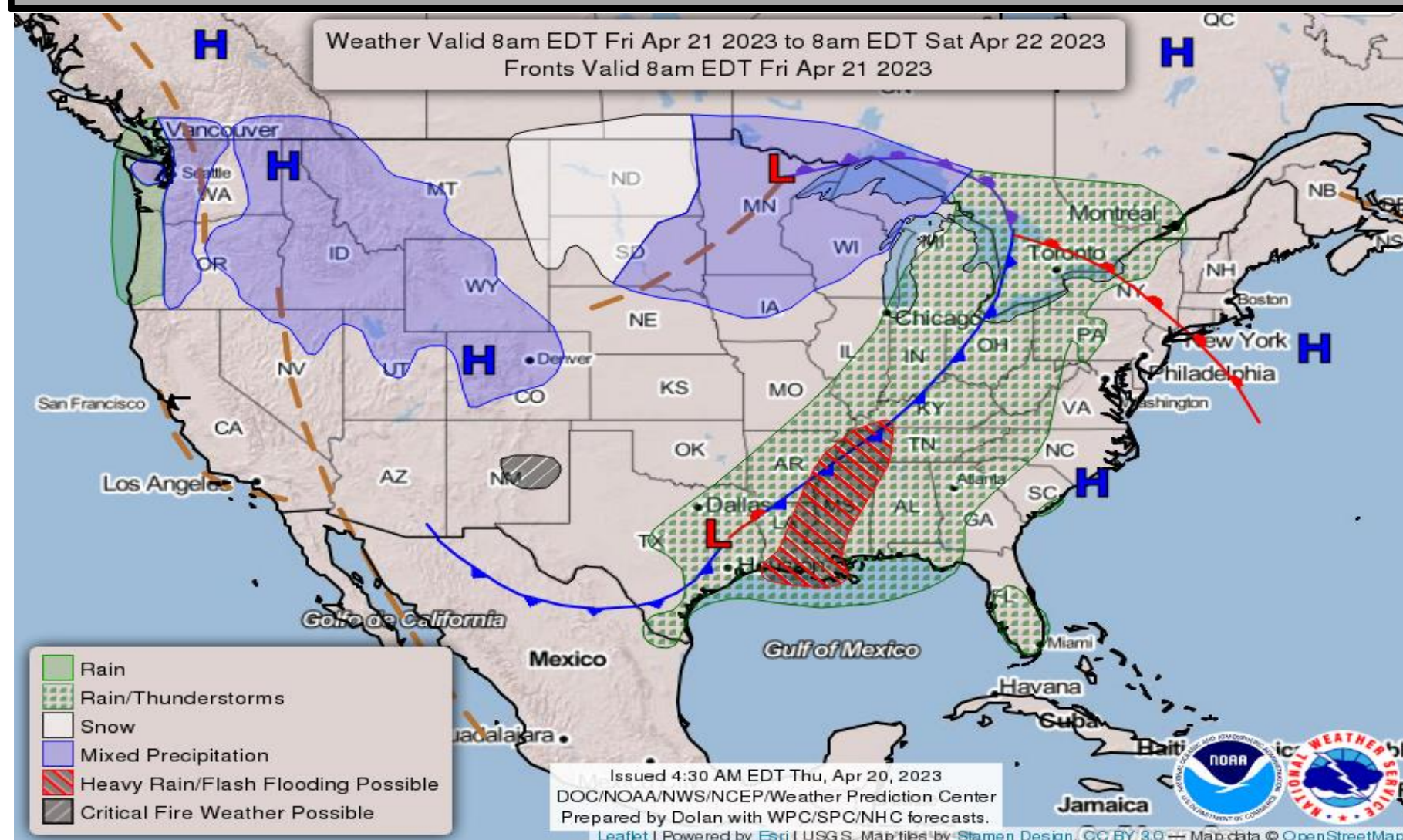
Last Updated: 4/20/2023 7:31 AM CT

National Weather Service – Southern Region ROC

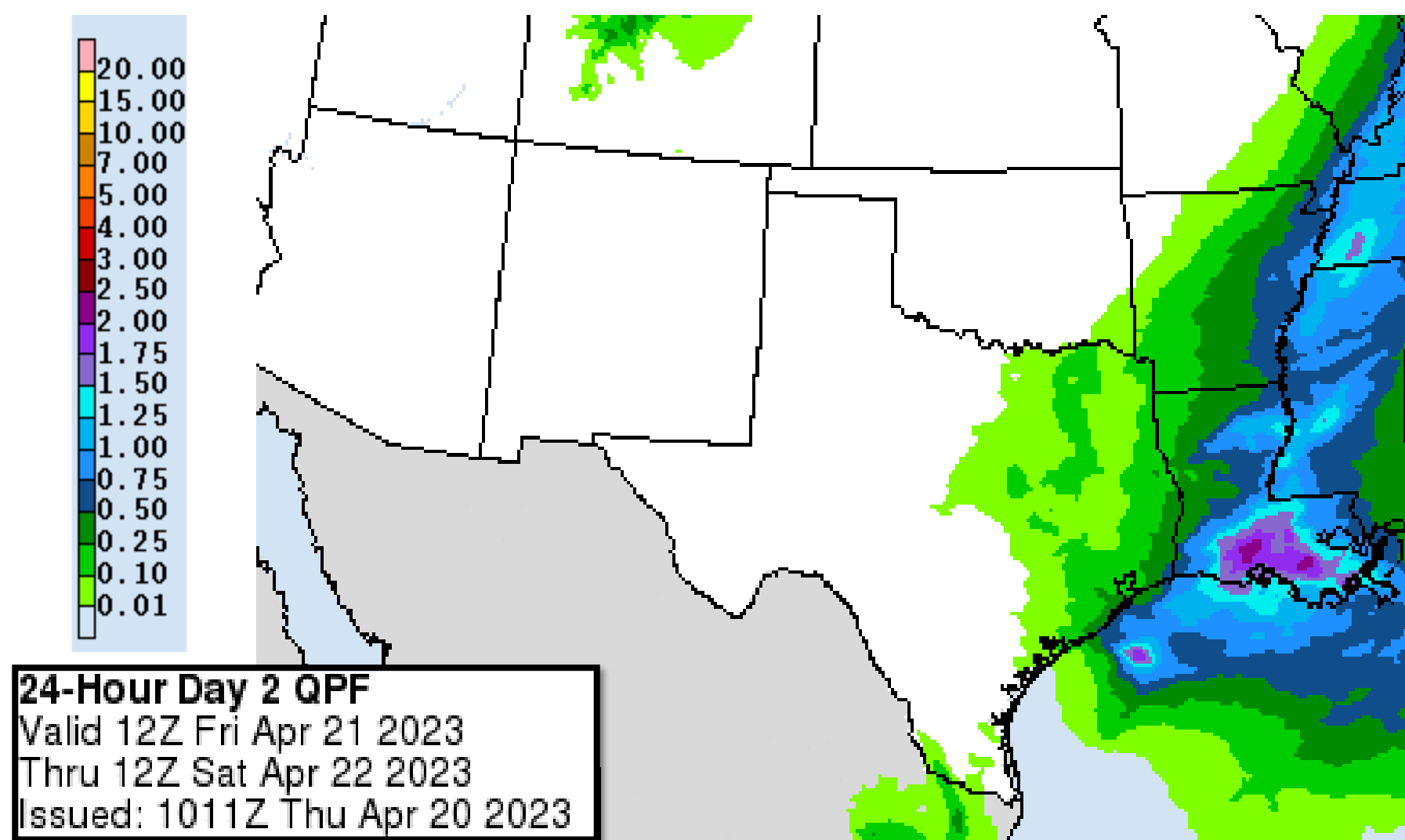


Tomorrow's Weather

Forecast Chart



Forecast Rainfall

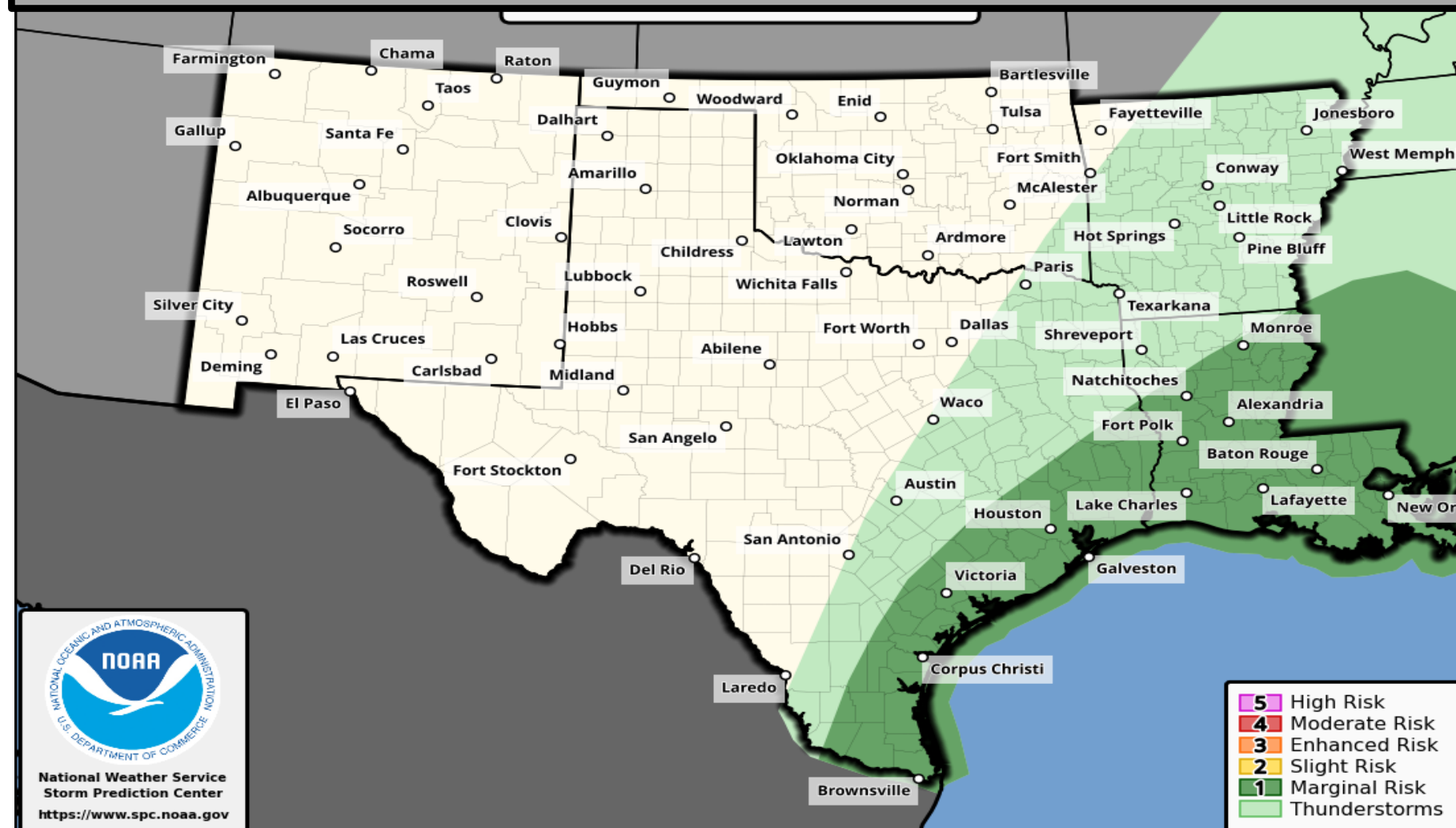


Locally heavy rainfall may lead to isolated to scattered flash flooding across E TX, AR, LA

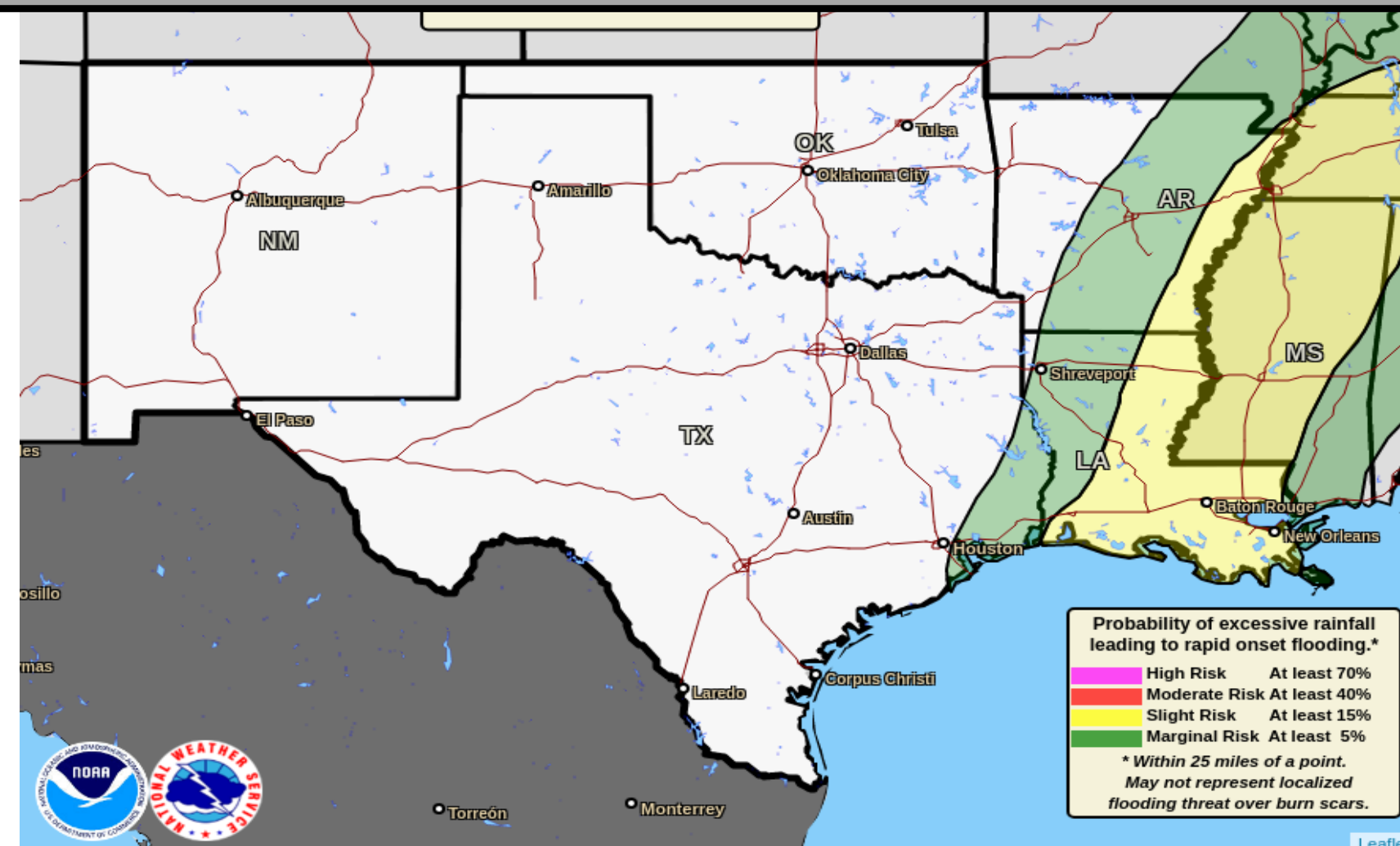
Elevated to critical fire weather conditions for NM, Far W TX

Isolated severe thunderstorms across SE TX, S/E LA

Severe Weather Outlook



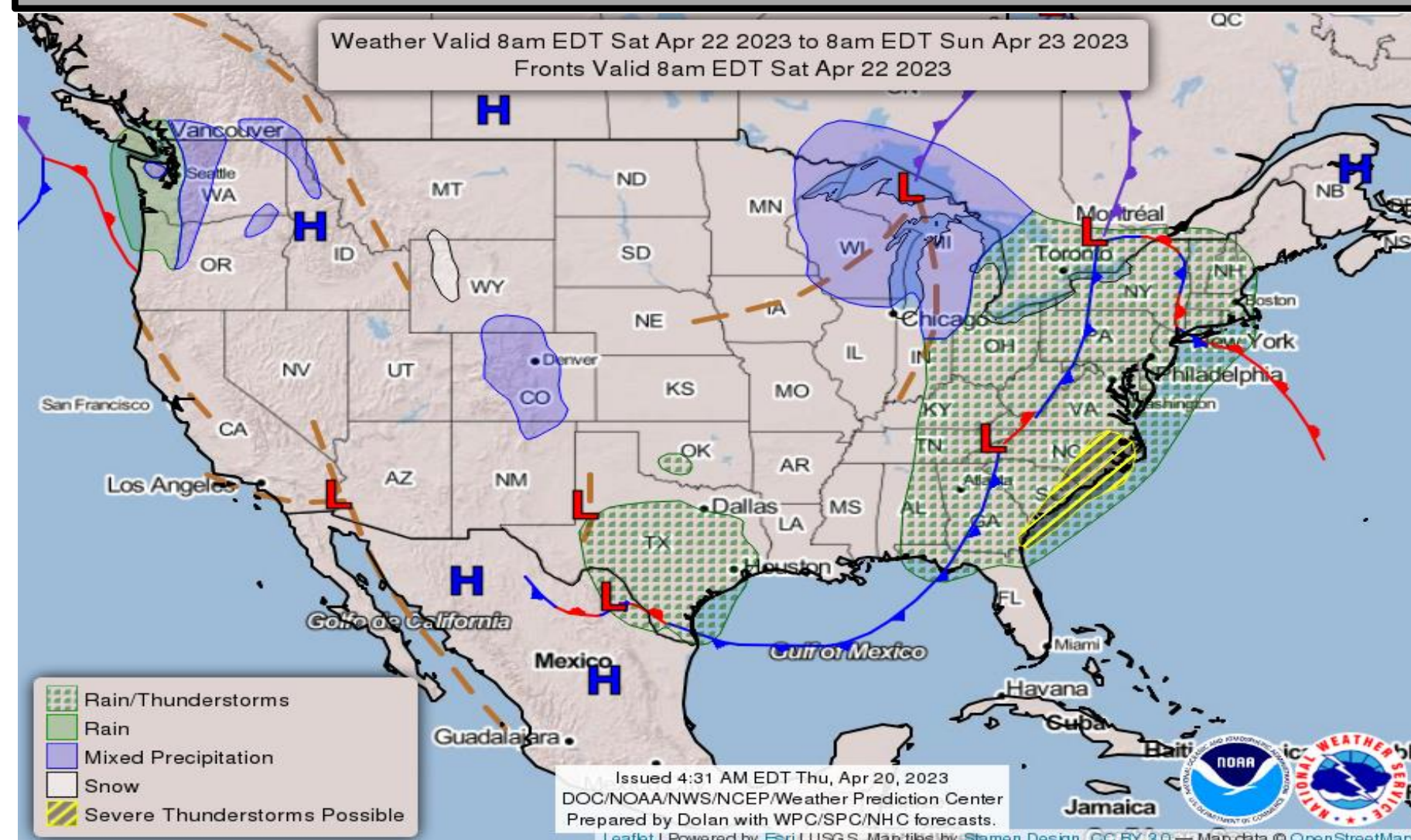
Excessive Rainfall Outlook



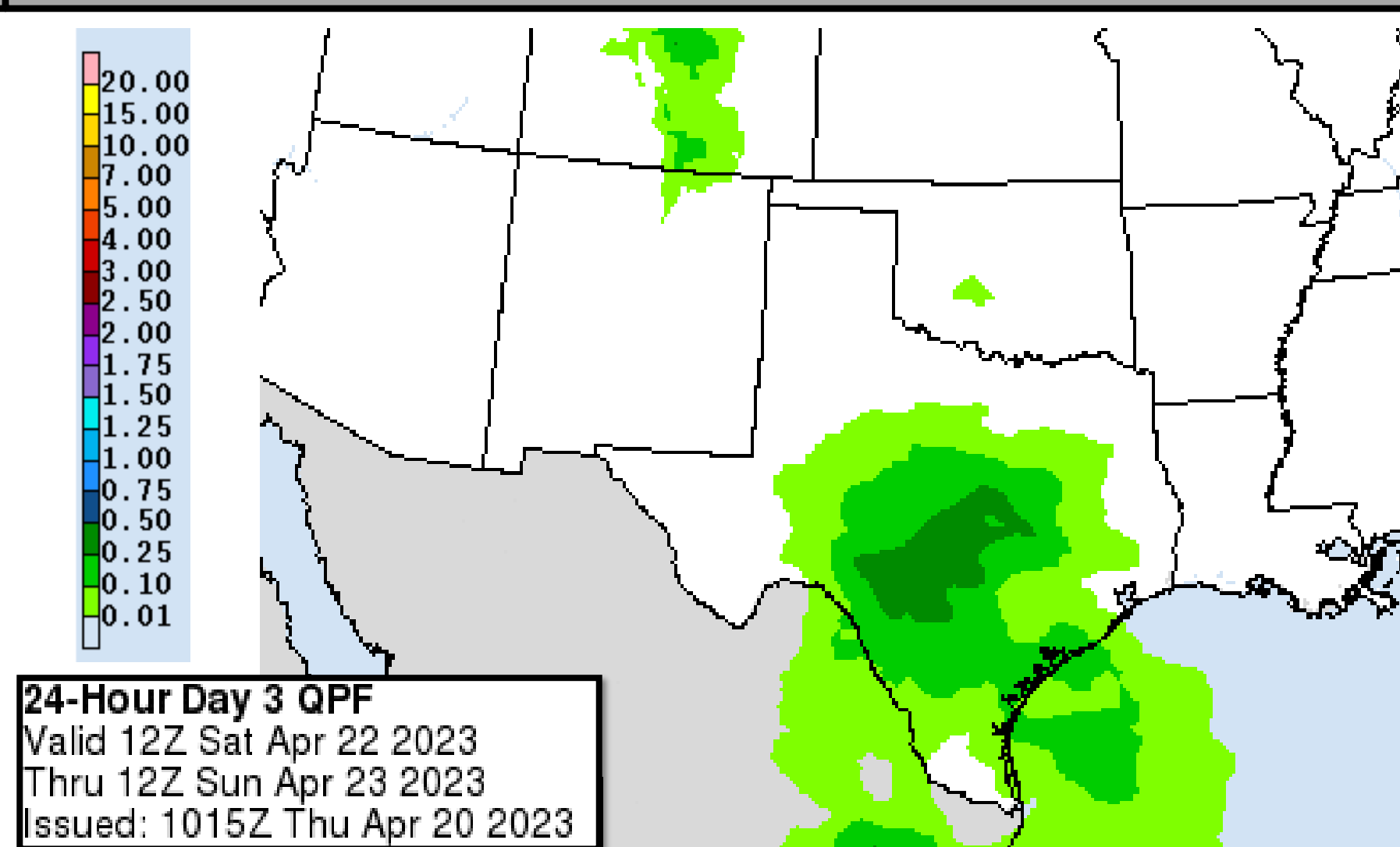


Saturday's Weather

Forecast Chart

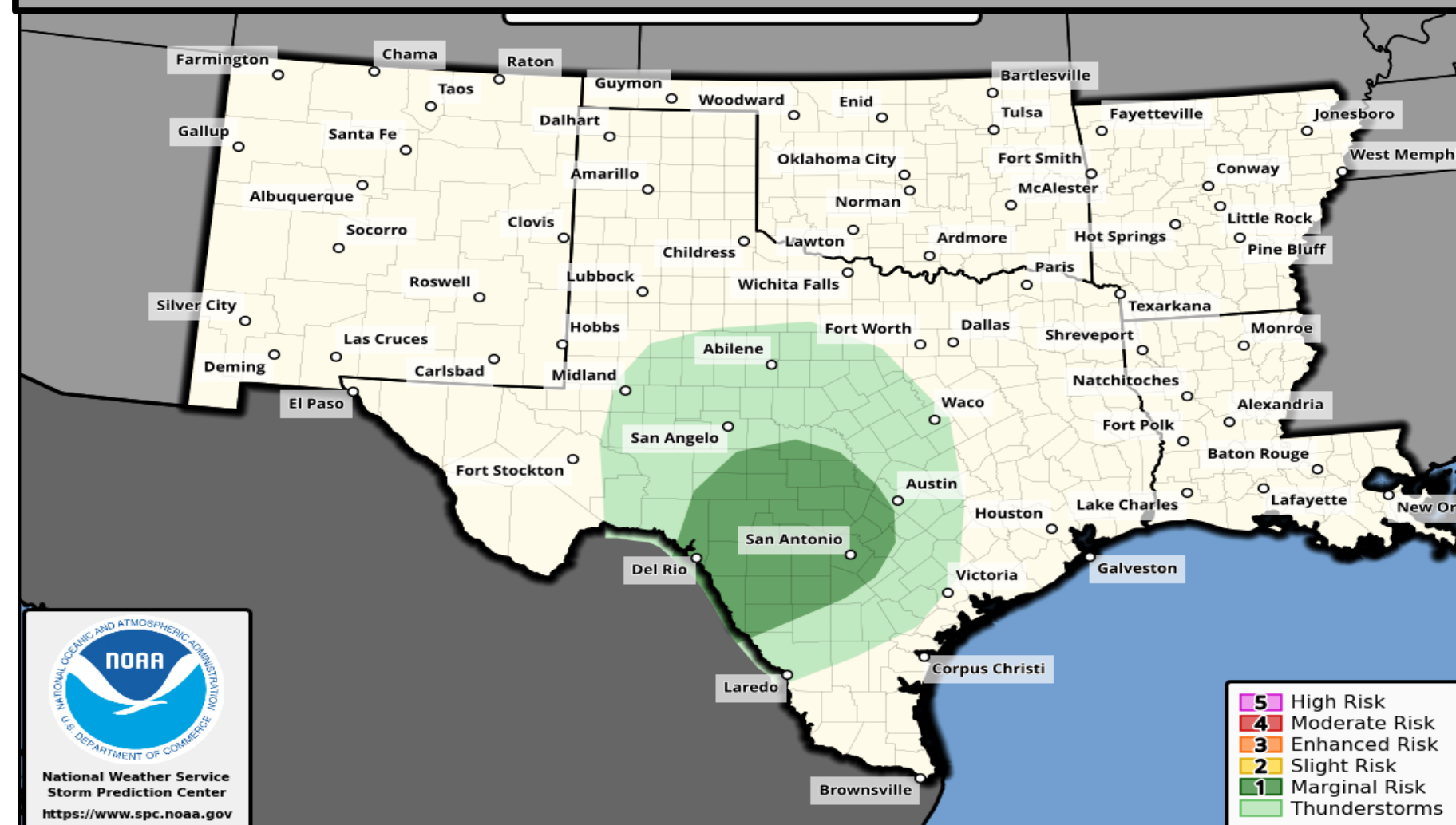


Forecast Rainfall

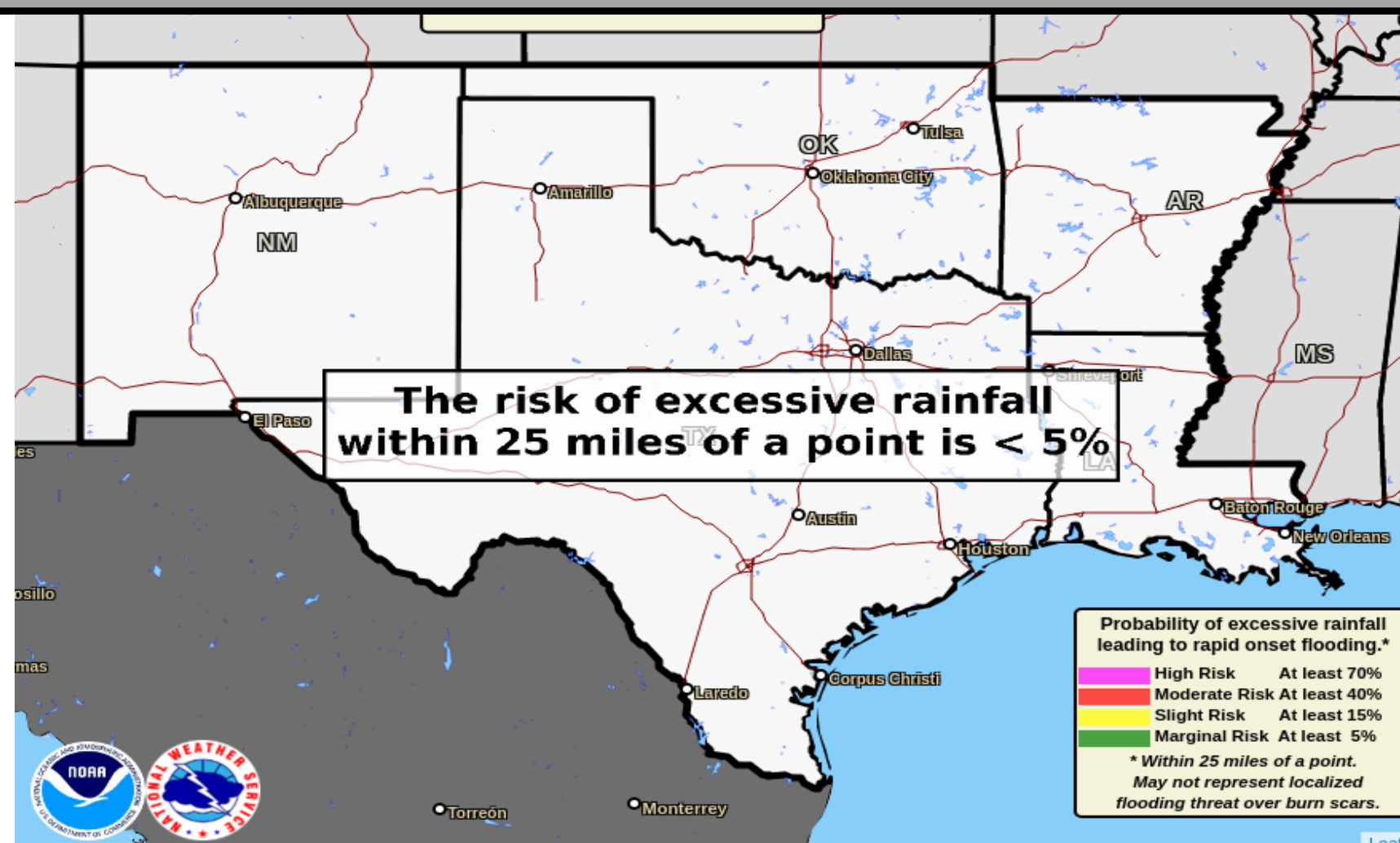


**Isolated severe thunderstorms
across S TX.**

Severe Weather Outlook



Excessive Rainfall Outlook



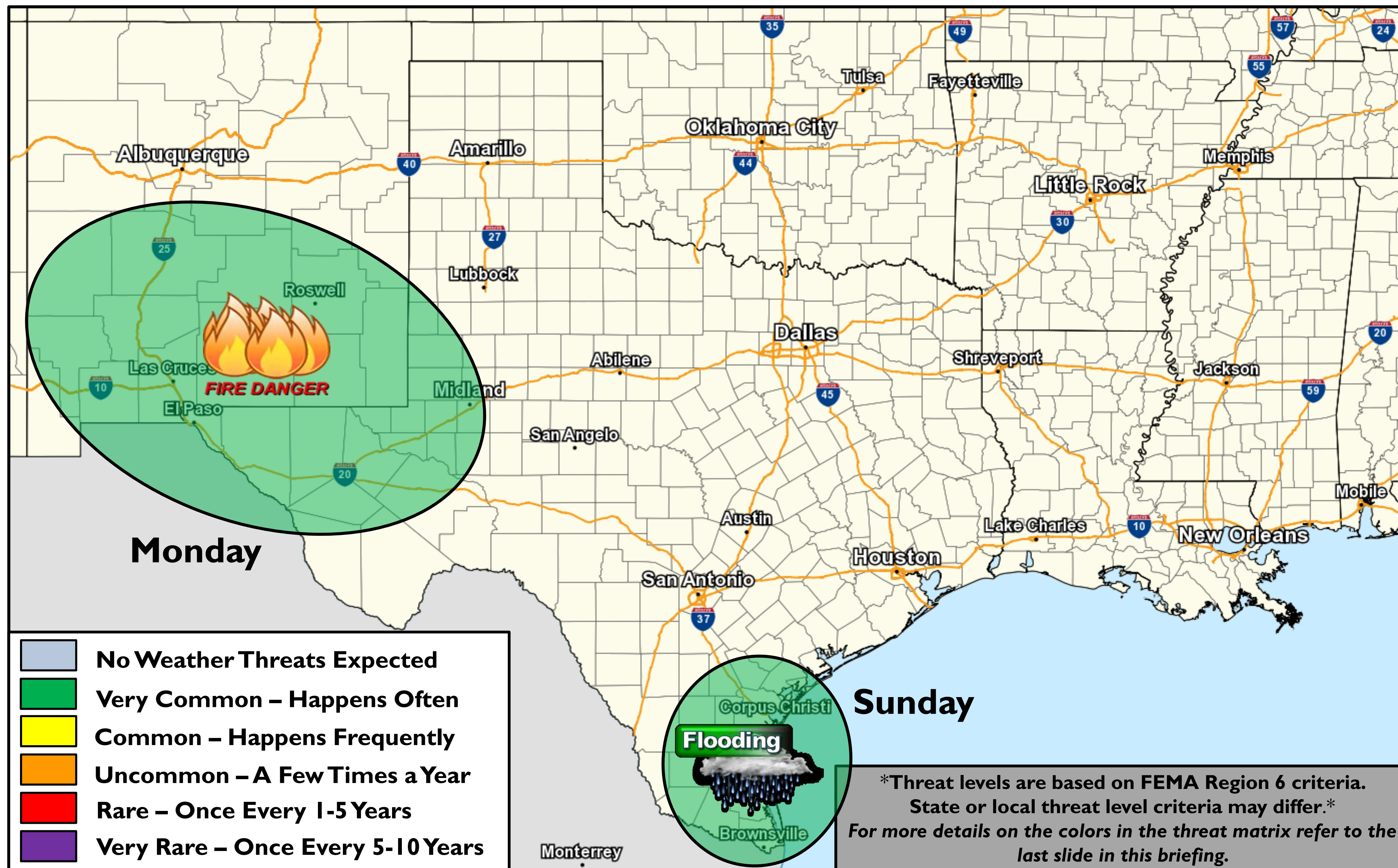


Days 4-5 Weather Hazards

Sunday - Monday

Locally heavy rainfall may lead to isolated flash flooding on Sunday across S TX

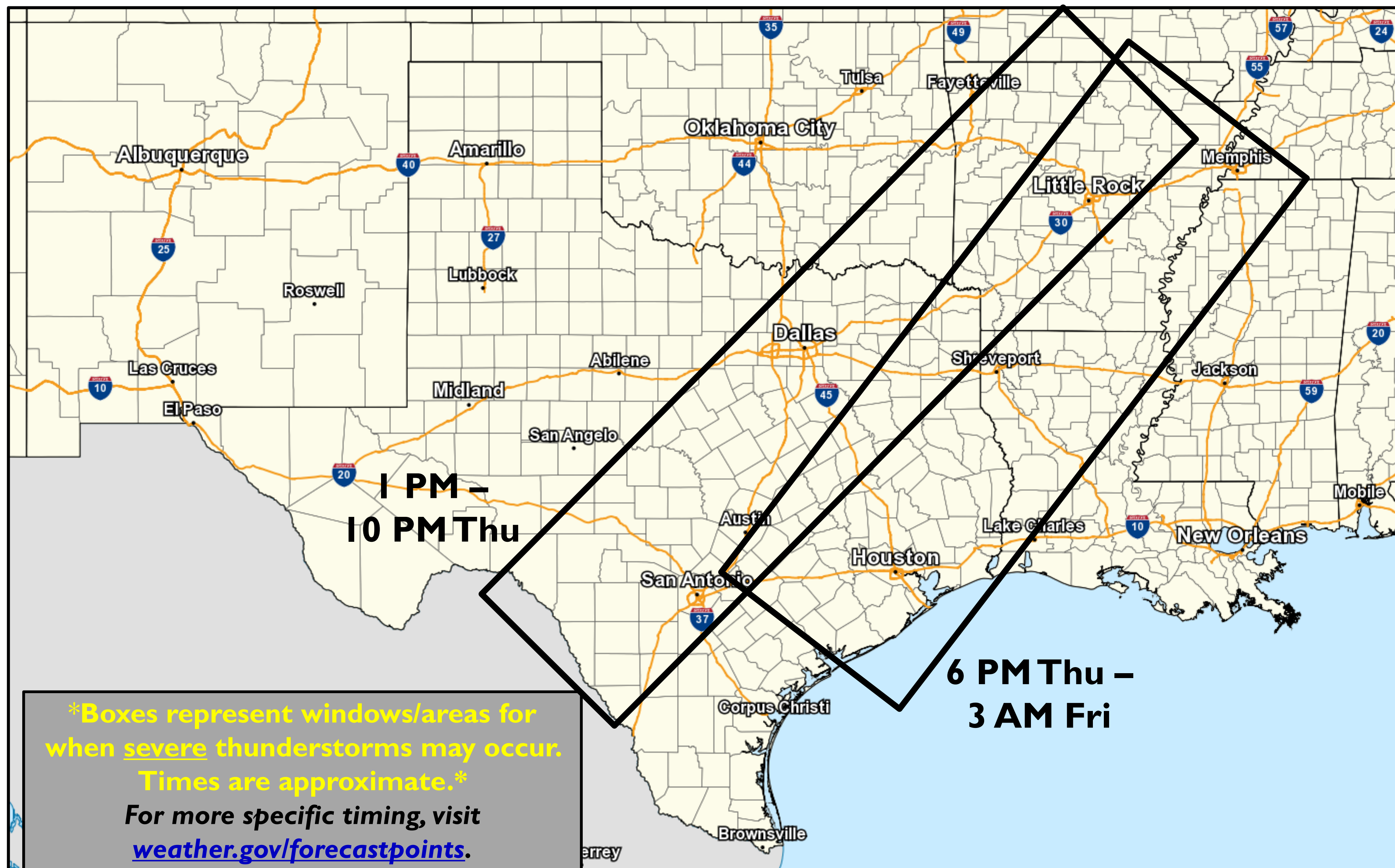
Elevated fire weather conditions on Monday for SW NM, Far W TX





Hazard Timing: Today

Severe Thunderstorms

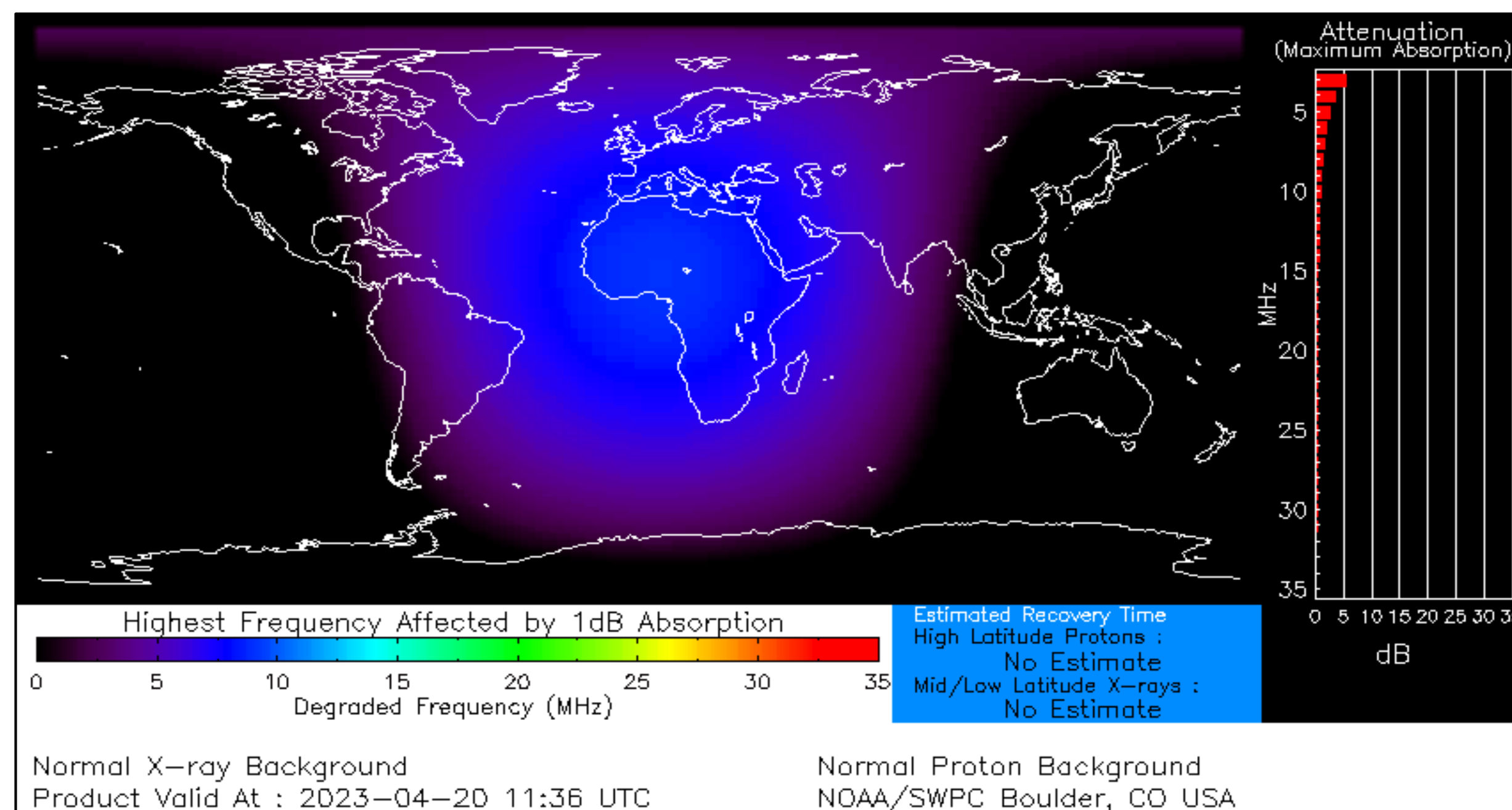


Today
The most likely timing for severe storms with large to very large hail, damaging winds, a few tornadoes across E/Ctrl TX, SE OK, AR, NW LA is during the afternoon through evening hours.



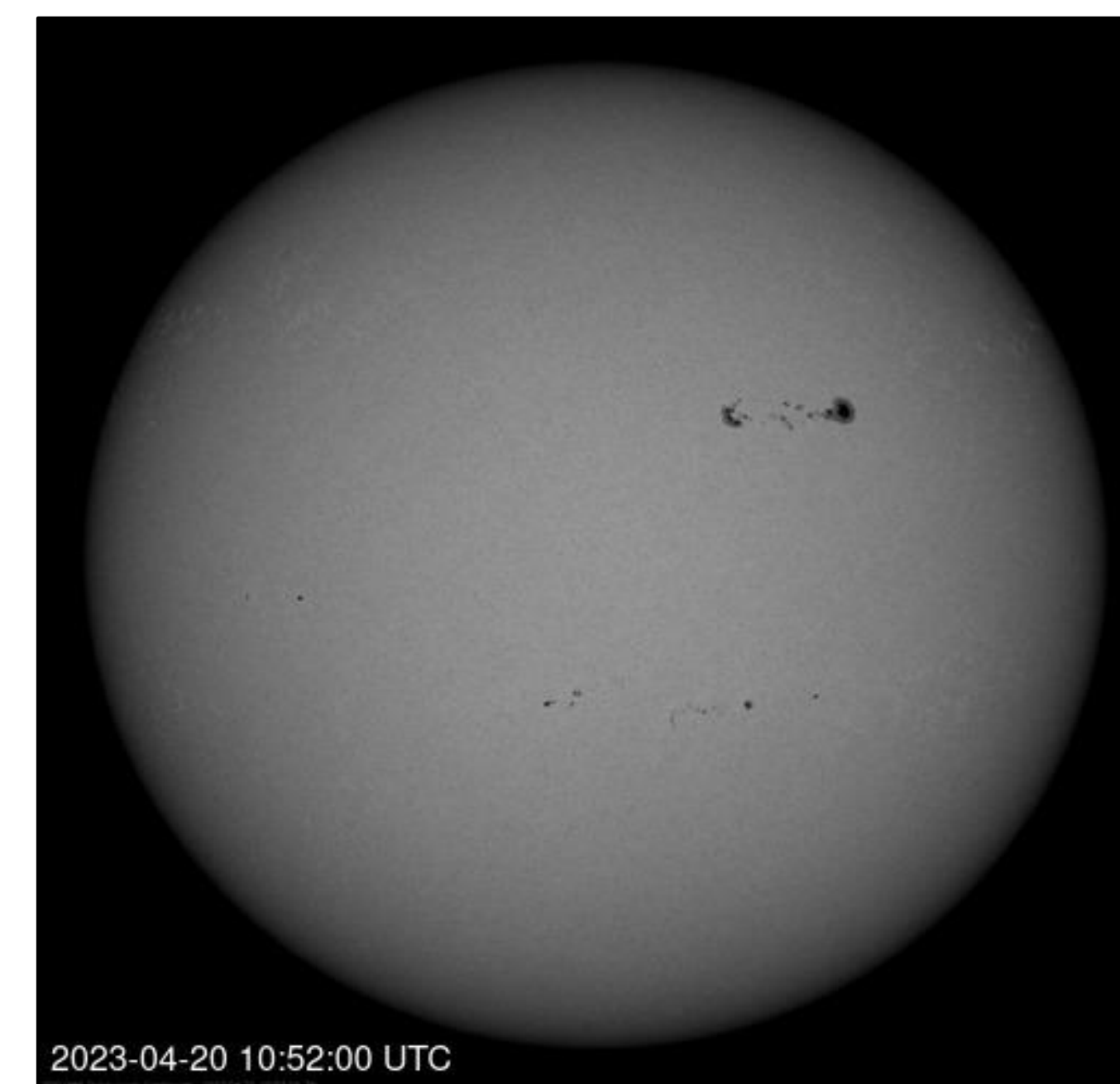
Space Weather 3-Day Forecast

	Thursday	Friday	Saturday
Geomagnetic Storms	Minor (Max Kp = 5)	Active (Max Kp = 4)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	35%	35%	35%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as sea breeze storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov